

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re: Robert D. Black et al.  
 Application No.: 10/779,907  
 Filed: February 17, 2004

Examiner: Leah H. Schlientz  
 Confirmation No.: 8994  
 Group Art Unit: 1642

For: **IN VIVO FLUORESCENCE SENSORS, SYSTEMS, AND RELATED  
 METHODS OPERATING IN CONJUNCTION WITH FLUORESCENT  
 ANALYTES**

Date: June 27, 2007

Commissioner for Patents  
 P.O. Box 1450  
 Alexandria, VA 22313-1450

Sir:

Transmitted herewith is an AMENDMENT in the above-identified patent application.

☐ Applicant claims small entity status. See 37 CFR §1.27.

☒ No additional fee is required.

☐ The fee has been calculated as shown below:

(COL. 1)		(COL. 2)	(COL. 3)	SMALL ENTITY		OTHER THAN A SMALL ENTITY	
	Claims Remaining After Amendment	Highest Number Previously Paid For	Present Extra	RATE	ADDIT. FEE	OR RATE	ADDIT. FEE
Total	65	104	= 0	x 25=	\$	x 50=	\$ .00
Indep	5	5	= 0	x100=	\$	x200=	\$ .00
<input type="checkbox"/> FIRST PRESENTATION OF MULTIPLE DEP. CLAIM				+180=	\$	+360=	\$
				Total Add. Fee	\$	OR Total	\$ .00

\* If the entry in Col. 1 is less than the entry in Col. 2, write "0" in Col. 3.

\*\* If the "Highest Number Previously Paid For" IN THIS SPACE is less than 20, write "20" in this space.

\*\*\* If the "Highest Number Previously Paid For" IN THIS SPACE is less than 3, write "3" in this space. The "Highest Number Previously Paid For" (Total or Independent) is the highest number found from the equivalent box in Col. 1 of a prior Amendment or the number of claims originally filed.

Attorney Docket No.: 9099-18  
Application No.: 10/779,907  
Filed: February 17, 2004  
Page 2

---

- ☐ Please charge my Deposit Account No. 50-0220 in the amount of \$\_\_\_\_\_ for \_\_\_\_\_.
- ☐ A check in the amount \$\_\_\_\_\_ to cover \_\_\_\_\_ is enclosed.
- ☒ The Commissioner is hereby authorized to charge the appropriate fees associated with this communication or credit any overpayment to Deposit Account No. 50-0220.

Respectfully submitted,



Julie H. Richardson  
Registration No. 40,142

Myers Bigel Sibley & Sajovec, P.A.  
Post Office Box 37428  
Raleigh, NC 27627  
Telephone (919) 854-1400  
Facsimile (919) 854-1401

**CERTIFICATION OF TRANSMISSION**

I hereby certify that this correspondence is being transmitted via the Office electronic filing system in accordance with § 1.6(a)(4) to the U.S. Patent and Trademark Office on June 27, 2007.

Signature:   
Rosa Lee Brinson

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re: Robert D. Black et al.  
Application No.: 10/779,907  
Filed: February 17, 2004

Examiner: Leah H. Schlientz  
Confirmation No.: 8994  
Group Art Unit: 1642

For: **IN VIVO FLUORESCENCE SENSORS, SYSTEMS, AND RELATED  
METHODS OPERATING IN CONJUNCTION WITH FLUORESCENT  
ANALYTES**

Date: June 27, 2007

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

**AMENDMENT AND RESPONSE TO  
OFFICE ACTION DATED MARCH 27, 2007**

Responsive to the Office Action dated March 27, 2007 please amend the above-identified application as shown.

If any extension of time for the accompanying response or submission is required, Applicants request that this be considered a petition therefor. The Commissioner is hereby authorized to charge any additional fee, which may be required, or credit any refund, to our Deposit Account No. 50-0220.

**Amendments to the Claims** are reflected in the listing of claims, which begins on page 2 of this document.

**Remarks** begin on page 15 of this document.